



- ☒ Drafts
- ☐ Pending
- ☒ Active
 - ☒ L1: (93091) "455"/\$.ccls.
 - ☒ L2: (48238) 1 and receiver
 - ☒ L3: (1795) 2 and "signal detector"
 - ☒ L4: (13) 3 and (determin\$3 near\$5 metric)
 - ☒ L5: (10) 4 and threshold
 - ☒ L6: (2) 5 and hypothesized
 - ☒ L7: (2) 5 and hypothesiz\$5
 - ☒ L8: (13123) receiver and "signal detector"
 - ☒ L9: (104) 8 and (determin\$3 near\$5 metric)
 - ☒ L10: (10) 9 and hypothesiz\$5
 - ☒ L11: (6) 10 and threshold
 - ☒ L12: (6) 11 and symbol
 - ☒ L13: (6) 12 and wireless
 - ☒ L14: (6) 13 and compar\$4
 - ☒ L15: (2) 14 and decod\$3
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14 and decod\$3				

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current X	Ret	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20040137863 A1	20040715	27	Data detection and demodulation for wireless communication	455/130	455/337		Walton, J. Rodney et al.	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5506861 A	19960409	23	System and method for joint demodulation of CDMA signals	370/441	375/334; 375/347; 375/351		Bottomley, Gregory E.	<input checked="" type="checkbox"/>

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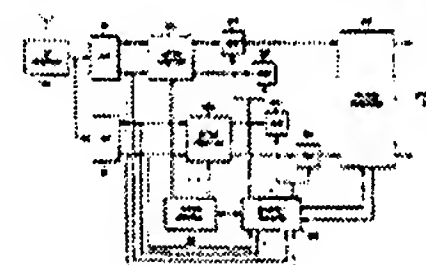
United States Patent

Patent Number: 5,506,361

Date of Patent: Apr. 9, 1996

ABSTRACT

A system and method for joint demodulation of CDMA signals. The system includes a receiver and a processor. The receiver receives a signal and the processor demodulates the signal. The processor includes a demodulation unit and a control unit. The demodulation unit demodulates the signal and the control unit controls the demodulation unit. The control unit includes a control logic and a control data. The control logic controls the demodulation unit and the control data is used by the demodulation unit. The control unit also includes a control signal and a control frequency. The control signal is used by the demodulation unit and the control frequency is used by the demodulation unit. The control unit also includes a control time and a control phase. The control time is used by the demodulation unit and the control phase is used by the demodulation unit. The control unit also includes a control amplitude and a control power. The control amplitude is used by the demodulation unit and the control power is used by the demodulation unit. The control unit also includes a control rate and a control delay. The control rate is used by the demodulation unit and the control delay is used by the demodulation unit. The control unit also includes a control error and a control threshold. The control error is used by the demodulation unit and the control threshold is used by the demodulation unit. The control unit also includes a control signal and a control frequency. The control signal is used by the demodulation unit and the control frequency is used by the demodulation unit. The control unit also includes a control time and a control phase. The control time is used by the demodulation unit and the control phase is used by the demodulation unit. The control unit also includes a control amplitude and a control power. The control amplitude is used by the demodulation unit and the control power is used by the demodulation unit. The control unit also includes a control rate and a control delay. The control rate is used by the demodulation unit and the control delay is used by the demodulation unit. The control unit also includes a control error and a control threshold. The control error is used by the demodulation unit and the control threshold is used by the demodulation unit.



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1			US 20040137863 A1	20040715	27	Data detection and demodulation for wireless communication	455/130	455/337		Walton, J. Rodney et al.	✓
2		✓	US 5506861 A	19960409	23	System and method for joint demodulation of CDMA signals	370/441	375/334; 375/347; 375/348		Bottomley, Gregory E.	✓

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